

### ABSTRACT

The present invention provides antimicrobial sulfonamide derivatives of lipopeptide antibiotics, pharmaceutical compositions of antimicrobial sulfonamide derivatives, methods for making antimicrobial sulfonamide derivatives, methods for inhibiting microbial growth with antimicrobial sulfonamide derivatives and methods for treating or preventing microbial infections in a subject with antimicrobial sulfonamide derivatives. Antimicrobial sulfonamide derivatives are generally an amino core antibiotic that has been further modified with a lipophilic sulfonyl group.

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